



Attorney Docket No. 080398.P534C

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
)
Rising, III.) Examiner: T. Pardo
)
Application No.: 10/735,162) Art Unit: 2165
)
Filed: December 11, 2003)
)
For: Improved Techniques For Spatial)
Representation Of Data And)
Browsing Based On Similarity)

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 CFR § 1.98(d)(i) copies of the references are not provided herein as copies of the references were provided in prior application 09/220,614 filed December 24, 1998, from which this application claims priority.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

08/23/2005 MBERHE 00000006 10735162

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180.00 DP

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

_____ 37 C.F.R. §1.97(b).

X 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

_____ A statement pursuant to 37 C.F.R. §1.97(e) or

X A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

_____ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

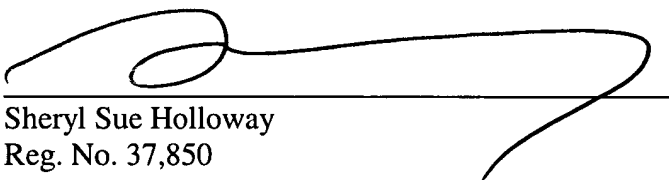
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

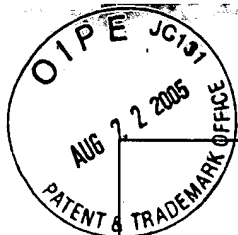
Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: May 19, 2005


Sheryl Sue Holloway
Reg. No. 37,850

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(408) 720-8300

**FEE TRANSMITTAL FOR FY 2005**

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) 180.00**Complete if Known:**

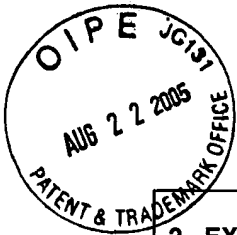
Application No. 10/735,162
Filing Date December 11, 2003
First Named Inventor Rising, III
Examiner Name T. Pardo
Art Unit 2165
Attorney Docket No. 080398.P534C

 Applicant claims small entity status. See 37 CFR 1.27.**METHOD OF PAYMENT** (check all that apply)☒ Check Credit Card Money Order None Other (please identify) Deposit AccountDeposit Account Number : 02-2666Deposit Account Name: ☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account: Charge fee(s) indicated below.☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application. Charge fee(s) indicated below except for the filing fee☒ Credit any overpayments.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

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Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>		<u>Fees Paid (\$)</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>			
1011	300	2011	150	Utility application filing fee	} 1,000/500	_____
1111	500	2111	250	Utility search fee		_____
1311	200	2311	100	Utility examination fee		_____
1012	200	2012	100	Design application filing fee	} 430/215	_____
1112	100	2112	50	Design search fee		_____
1312	130	2312	65	Design examination fee		_____
1013	200	2013	100	Plant filing fee	} 660/330	_____
1113	300	2113	150	Plant search fee		_____
1313	160	2313	80	Plant examination fee		_____
1004	300	2004	150	Reissue filing fee	} 1,400/700	_____
1114	500	2114	250	Reissue search fee		_____
1314	600	2314	300	Reissue examination fee		_____
1005	200	2005	100	Provisional application filing fee		_____
SUBTOTAL (1) \$						_____

**2. EXCESS CLAIM FEES**

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims _____ - 20 or HP = _____		X \$50.00 = _____	
HP = highest number of total claims paid for, if greater than 20			
Independent Claims _____ - 3 or HP = _____		X \$200.00 = _____	
HP = highest number of independent claims paid for, if greater than 3			
Multiple Dependent Claims _____		_____ = _____	

<u>Large Entity</u>		<u>Small Entity</u>		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1202	50	2202	25	Each claim over 20
1201	200	2201	100	Each independent claim over 3
1203	360	2203	180	Multiple dependent claims, if not paid
1204	200	2204	100	Reissue: each claim over 20 and more than in the original patent
1205	50	2205	25	Reissue: each independent claim more than in the original patent

SUBTOTAL (2) \$ _____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	- 100 = _____	/ 50 = _____ (round up to whole number)	X \$250.00	_____

<u>Large Entity</u>		<u>Small Entity</u>		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description: Application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings):</u>
1081	250	2081	125	Utility
1082	250	2082	125	Design
1083	250	2083	125	Plant
1084	250	2084	125	Reissue

SUBTOTAL (3) \$ 0.00 _____

**FEE CALCULATION (continued)****4. OTHER FEE(S)**

				<u>Fees Paid (\$)</u>	
Non-English Specification, \$130 fee (no small entity discount)					
<u>Large Entity</u>		<u>Small Entity</u>			
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>		
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>	
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
1463	200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	\$180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	
Other fee (specify) _____					
Other fee (specify) _____					
				SUBTOTAL (4)	\$ _____

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Sheryl Sue Holloway

Signature: _____

Date: AUG. 19, 2005Reg. Number: 37,850Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



FIRST CLASS CERTIFICATE OF MAILING

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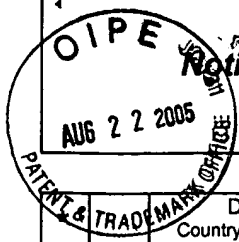
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Carla Anysia Nascimento

8.19.05

Date



Notice of References Cited

Application/Control No. 09/220,614	Applicant(s)/Patent Under Reexamination RISING, HAWLEY K.	
Examiner Thuy Pardo	Art Unit 2175	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number	Date	Name	Classification
		Country Code-Number-Kind Code	MM-YYYY		
*	A	US-5,963,956	10-1999	Smartt	707/104
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
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	H	US-			
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	L	US-			
	M	US-			

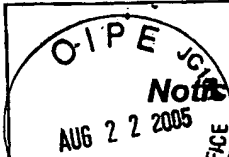
FOREIGN PATENT DOCUMENTS

*		Document Number	Date	Country	Name	Classification
		Country Code-Number-Kind Code	MM-YYYY			
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Petrakis, "Similarity Searching in Medical Image Databases", IEEE, 1997, pp. 435-447
*	V	Rehrauer et al., "Multiscale Markov Random Fields for Large Image Datasets Representation", IEEE, 1997, pp. 255-257
*	W	Yang et al., "MB+-Tree: A New Index Structure for Multimedia Databases", IEEE, 1995, pp. 151-158
*	X	Hou et al., "Medical Image Retrieval by Spatial Features", IEEE, 1992, pp. 1364-1369

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

 Notice of References Cited	Application/Control No. 09/220,614	Applicant(s)/Patent Under Reexamination RISING, HAWLEY K.	
	Examiner Thuy Pardo	Art Unit 2175	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,710,916	01-1998	Barbara et al.	709/9
	B	US-5,832,182	11-1998	Zhang et al.	706/50
	C	US-6,148,295	11-2000	Megiddo et al.	707/3
	D	US-6,161,105	12-2000	Kelghan et al.	707/100
	E	US-6,263,334	07-2001	Fayyad et al.	707/5
	F	US-6,289,354	09-2001	Aggarwal et al.	707/104
	G	US-6,446,068	09-2002	Kortge	707/6
	H	US-6,047,080	04-2000	Chen et al.	382/128
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

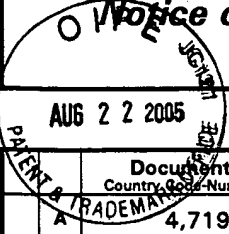
FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Agrawal et al., "Modeling Multidimensional Databases", IEEE, 1997, pp. 232-243
	V	Kao et al., "Efficient Proximity Search in Multivariate Data", IEEE, July 1998, pp. 145-154
	W	Plamsa-nga et al., "A Parallel Model for Multimedia Database on Cluster System", IEEE, July 1998, pp. 648-652
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Office of References Cited 	Applicant/Patent Rising III	Application/Control No. 09/220,614	
	Examiner Thuy Pardo	Art Unit 2171	Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²	
A	4,719,571	1/1988	Rissanen et al.	707	101
B	5,553,304	9/1996	Lipner et al.	707	100
C	5,857,169	1/1999	Seide	704	256
D	5,912,989	6/1999	Watanabe	382	228
E	5,974,407	10/1999	Sacks	707	2
F	5,987,468	11/1999	Singh et al.	707	100
G	6,088,035	7/2000	Sudarsky et al.	345	421
H	6,102,969	8/2000	Christianson et al.	717	8
I	6,233,575	5/2001	Agrawal et al.	707	6
J	6,279,007	8/2001	Uppala	707	101
K					
L					
M					

FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²	
N						
O						
P						
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NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	
V	
W	
X	

* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).

¹ Dates in MM-YYYY format are publication dates.

² Classifications may be U.S. or foreign.

INFORMATION DISCLOSURE

O I P E N I T A T I O N

AUG 22 2005

PATENT & TRADEMARK OFFICE

Docket No.: 50M3007 Sheet 1 of 2

Serial No. : 09/220,614

Filing Date: 12/24/98 Group: 2771

Applicant: Hawley K. Rising, III

U. S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Filing Date

FOREIGN PATENT DOCUMENTS

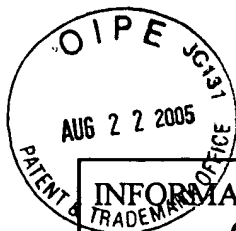
Exam. Init.	Document Number	Date	Country	Class	Translation

OTHER DOCUMENTS/CITATIONS

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	Berchtold, S., C. Bohm, and H.-P. Kriegel. "The Pyramid Technique: Towards Breaking the Curse of Dimensionality." Proc. Int. Conf. On Management of Data, ACM SIGMOD, Seattle, Washington, 1998.
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INFORMATION DISCLOSURE CITATION	Docket No.: 50M3007 Sheet 2 of 2 Serial No. : 09/220,614 Filing Date: 12/24/98 Group: 2771 Applicant: Hawley K. Rising, III
------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

	Fetter, A.L. and J.D. Walecka. <i>Theoretical Mechanics of Particles and Continua</i> . New York: McGraw-Hill, 1980.
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	Tversky, A. "Features of Similarity." <i>Psychological Review</i> , v. 84, no. 4, 1977, pp. 327-352.
EXAMINER:	DATE CONSIDERED:



INFORMATION DISCLOSURE
CITATION

Docket No.: 50M3007

Sheet 1 of 1

Serial No. : 09/220,614

Filing Date: December 24, 1998

Group: Unknown

Applicant: Hawley K. Rising, III

U. S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Filing Date
	5,193,185	03/09/93	Lanter	395/600	05/15/89
	5,442,784	08/15/95	Powers et al.	395/600	06/17/93
	5,574,835	11/12/96	Duluk, Jr. et al.	395/121	11/02/95
	5,832,494	11/03/98	Egger et al.	707/102	05/17/96
	5,978,794	11/02/99	Agrawal et al.	707/3	04/09/96

FOREIGN PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Country	Class	Translation

OTHER DOCUMENTS/CITATIONS

EXAMINER:

DATE CONSIDERED: